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Chief, Procurement Division, OL

29 April 1955

Chief, Engineering Division, OC

Request for Preliminary Contractual Negotiation - [redacted]

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1. [redacted] is currently developing the RS-11A/B communications equipment under contract XC-1355. This equipment is battery powered. A requirement exists for the development of an alternate power system which was not deemed feasible for inclusion in the basic contract since power requirements were not known at the time the contract was negotiated. Development activity of the RS-11A/B has progressed to a point where the power requirements have been established and the design of a power system is now feasible.

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2. Accordingly, it is requested that the Contractor be invited to submit three separate proposals for the development of an RS-11A/B compatible power system consisting of (1) an AC power supply (2) a hand crank generator and (3) a miniaturized gasoline engine accessory for the hand crank generator. Developmental requirements as well as deliverable items are contained in Annex 1, attached. Fiscal Year 1955 funds are available for this development activity. Upon our evaluation and approval of the Contractor's proposal, we will forward a requisition indicating the allotment to which the project is chargeable.

3. The association of the Agency with the project is classified SECRET. The deliverable items shall be UNCLASSIFIED.

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Attachment: Annex 1

R&D-EP/CEM/mvm 29 April 1955

cc: R&D Subject File ✓
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Annex 1

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RS-11A/B Power System

- | | | |
|-------------|------------------------|--|
| Proposal 1. | AC Power Supply, RP-11 | 110 & 220 volts, 40 to 400 cycles. |
| Proposal 2. | Hand Crank Generator | To deliver power to the RP-11 in the absence of power mains. |
| Proposal 3. | Gasoline Generator | Attachment for Hand Crank Generator. |

The equipment weight to be minimum possible and possessing a form factor compatible with the RS-11A/B components.

The Contractor's comment with respect to packaging the RS-11A/B within the RS-11A/B carrying case is desired.

Priority assignment for the development of components of the RS-11A/B power system for Proposals 1, 2, and 3, shall be in the order named.

Deliverable Items

1. 10 each AC Power Supply, RP-11 (Proposal 1)
Hand Crank Generator (Proposal 2)
Gasoline Generator (Proposal 3)

(An initial delivery shall be one prototype equipment, each type, for approval by Government engineers prior to delivery of full quantity)

2. 2 each sets Manufacturer's Drawings, each equipment type, one of which shall be reproducible.
3. 2 each sets Bill of Material, each equipment type, one of which shall be reproducible.
4. 15 each, Operation and Maintenance Manuals, each equipment type.

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